

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	"I2" and ("spin-valve" and magnetoresistance and ferromagnetic and (pinned with ferromagnetic) and ("non-magnetic" with spacer) and "back layer" and ("electron-reflective" with ("TaO" or "tantalum oxide")))	US-PGPUB; USPAT	OR	ON	2005/10/17 18:28

*Interference
Search History
Printout 10/17/05
L.F.*

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	"I2" and ("spin-valve" and magnetoresistance and ferromagnetic and (pinned with ferromagnetic) and ("non-magnetic" with spacer) and "back layer" and ("electron-reflective" with ("TaO" or "tantalum oxide")))	US-PGPUB; USPAT	OR	ON	2005/10/17 18:39
L2	1870	360/324 or 360/324.1 or 360/324.12 or 360/324.11 or 360/313	US-PGPUB; USPAT	OR	ON	2005/10/17 18:40
L3	8645	428/639 or 428/687 or 428/336 or 428/692.1 or 428/692 or 428/693 or 428/810 or 428/811 or 428/816 or 428/815	US-PGPUB; USPAT	OR	ON	2005/10/17 18:43
L4	699	(I2 or I3) and (spinvalve or "spin-valve")	US-PGPUB; USPAT; EPO	OR	ON	2005/10/17 18:44
L5	59	I4 and ("TaO" or "tantalum oxide")	US-PGPUB; USPAT; EPO	OR	ON	2005/10/17 18:50
L6	4	(428/694T or 428/694TP) and ("TaO" or "tantalum oxide") and (spinvalve or "spin-valve")	US-PGPUB; USPAT; EPO	OR	ON	2005/10/17 18:51
S1	1	("6157768").PN.	USPAT; USOCR	OR	OFF	2003/12/23 14:19
S2	1	((("6157768").PN.)	USPAT	OR	OFF	2003/12/23 14:19
S3	678	(428/694\$ or "360"/\$ or "369"/\$) and (spinvalve or "spin-valve")	US-PGPUB; USPAT; EPO	OR	ON	2003/12/23 14:21
S4	67	((428/694\$ or "360"/\$ or "369"/\$) and (spinvalve or "spin-valve")) and (electron same reflect\$)	US-PGPUB; USPAT; EPO	OR	ON	2003/12/23 17:29
S5	19698	((((428/694\$ or "360"/\$ or "369"/\$) and (spinvalve or "spin-valve")) and (electron same reflect\$)) and "TiO" or (tantalum same oxide)	US-PGPUB; USPAT; EPO	OR	ON	2003/12/23 17:28
S6	13	((((428/694\$ or "360"/\$ or "369"/\$) and (spinvalve or "spin-valve")) and (electron same reflect\$)) and ("TiO" or (tantalum same oxide))	US-PGPUB; USPAT; EPO	OR	ON	2003/12/23 17:00
S7	27	((((428/694\$ or "360"/\$ or "369"/\$) and (spinvalve or "spin-valve")) and (electron same reflect\$)) and (oxide with reflect\$)	US-PGPUB; USPAT; EPO	OR	ON	2003/12/23 15:28
S8	11	"6271997"	US-PGPUB; USPAT; EPO	OR	ON	2003/12/23 15:31

S9	13	"6313973"	US-PGPUB; USPAT; EPO	OR	ON	2003/12/23 15:41
S10	12	"6201673"	US-PGPUB; USPAT; EPO	OR	ON	2003/12/23 15:54
S11	1	"20020004147"	US-PGPUB; USPAT; EPO	OR	ON	2005/10/13 16:16
S12	64	((428/694\$ or "360"/\$ or "369"/\$) and (spinvalve or "spin-valve")) and (electron same reflect\$) and (Cu or copper)	US-PGPUB; USPAT; EPO	OR	ON	2003/12/23 17:29
S13	55	(428/694\$ or "360"/\$ or "369"/\$) and (spinvalve or "spin-valve") and ("TaO" or "tantalum oxide")	US-PGPUB; USPAT; EPO	OR	ON	2005/10/17 12:16
S14	20	(428/692 or 428/693) and (spinvalve or "spin-valve") and ("TaO" or "tantalum oxide")	US-PGPUB; USPAT; EPO	OR	ON	2005/05/18 15:01
S15	14	S13 and S14	US-PGPUB; USPAT; EPO	OR	ON	2005/05/18 15:02
S16	61	S13 or S14	US-PGPUB; USPAT; EPO	OR	ON	2005/05/18 15:02
S17	34	S16 and reflect\$	US-PGPUB; USPAT; EPO	OR	ON	2005/05/18 15:05
S18	12	S17 and (reflect\$ with ("TaO" or "tantalum oxide"))	US-PGPUB; USPAT; EPO	OR	ON	2005/05/24 14:07
S19	2	"6785954"	US-PGPUB; USPAT; EPO	OR	ON	2005/05/18 15:15
S20	11	"6466418"	US-PGPUB; USPAT; EPO	OR	ON	2005/05/18 15:16
S21	1030	(428/694\$ or "360"/\$ or "369"/\$) and (spinvalve or "spin-valve")	US-PGPUB; USPAT; EPO	OR	ON	2005/05/18 15:36
S22	11	S21 and UENO	US-PGPUB; USPAT; EPO	OR	ON	2005/05/18 15:36
S23	1	S22 and S13	US-PGPUB; USPAT; EPO	OR	ON	2005/05/18 15:40
S24	5	S21 and NISHIDA	US-PGPUB; USPAT; EPO	OR	ON	2005/05/18 15:38

S25	6	S21 and HIKAMI	US-PGPUB; USPAT; EPO	OR	ON	2005/05/18 15:41
S26	0	S24 and S13	US-PGPUB; USPAT; EPO	OR	ON	2005/05/18 15:40
S27	0	S25 and S13	US-PGPUB; USPAT; EPO	OR	ON	2005/05/18 15:40
S28	3	"6338899" and (reflect\$ with ("TaO" or "tantalum oxide"))	US-PGPUB; USPAT; EPO	OR	ON	2005/05/24 14:08
S29	8	"6338899" and ("TaO" or "tantalum oxide")	US-PGPUB; USPAT; EPO	OR	ON	2005/05/24 15:03
S30	1	"6756135" and ("TaO" or "tantalum oxide")	US-PGPUB; USPAT; EPO	OR	ON	2005/05/24 15:03
S31	663	(428/694t or 428/694tp or 428/639 or 428/687 or 428/336 or 428/692 or 428/693 or 360/324 or 360/324. 1 or 360/324.12 or 360/324.11 or 360/313) and (spinvalve or "spin-valve")	US-PGPUB; USPAT; EPO	OR	ON	2005/05/24 17:45
S32	65	"6313973" or "6271997" or "20010046110" or "6567246"	US-PGPUB; USPAT; EPO	OR	ON	2005/05/24 19:39
S33	1	"20040018388"	US-PGPUB; USPAT; EPO	OR	ON	2005/05/24 19:39
S34	3	"6511761"	US-PGPUB; USPAT; EPO	OR	ON	2005/05/25 11:02
S35	1	"6673401"	US-PGPUB; USPAT; EPO	OR	ON	2005/05/25 11:03
S36	1	"6673463"	US-PGPUB; USPAT; EPO	OR	ON	2005/05/25 11:05
S37	1	"6682834"	US-PGPUB; USPAT; EPO	OR	ON	2005/05/25 11:11
S38	1	"6696183"	US-PGPUB; USPAT; EPO	OR	ON	2005/05/25 11:16
S39	2	"6713162"	US-PGPUB; USPAT; EPO	OR	ON	2005/05/25 11:18

S40	1	"6716521"	US-PGPUB; USPAT; EPO	OR	ON	2005/05/25 11:19
S41	1	"6764732"	US-PGPUB; USPAT; EPO	OR	ON	2005/05/25 11:24
S42	1	"6764732"	US-PGPUB; USPAT; EPO	OR	ON	2005/05/25 11:25
S43	1	"6773800"	US-PGPUB; USPAT; EPO	OR	ON	2005/05/25 11:26
S44	1	"6783798"	US-PGPUB; USPAT; EPO	OR	ON	2005/05/25 11:28
S45	1	"6855412"	US-PGPUB; USPAT; EPO	OR	ON	2005/05/25 11:30
S46	4	RE37748	US-PGPUB; USPAT; EPO	OR	ON	2005/05/25 11:30
S47	950	428/694\$	US-PGPUB	OR	ON	2005/05/25 16:21
S48	1	"20050042481"	US-PGPUB	OR	ON	2005/05/25 16:21
S49	2190	alloy and rivet and coating	US-PGPUB; USPAT; EPO	OR	ON	2005/05/25 16:31
S50	421	S49 and curing	US-PGPUB; USPAT; EPO	OR	ON	2005/05/25 16:31
S51	421	S50 and coating	US-PGPUB; USPAT; EPO	OR	ON	2005/05/25 16:35
S52	45	S51 and riveting	US-PGPUB; USPAT; EPO	OR	ON	2005/05/25 16:35
S53	1	"20050095462"	US-PGPUB	OR	ON	2005/05/26 11:30
S54	10312	694\$	US-PGPUB	OR	ON	2005/05/26 11:35
S55	952	428/694\$	US-PGPUB	OR	ON	2005/05/27 11:41
S56	1	"20020004147"	US-PGPUB	OR	ON	2005/05/26 14:12
S57	0	"20050118460"	US-PGPUB	OR	ON	2005/05/26 20:38
S58	1	"20040209121"	US-PGPUB	OR	ON	2005/05/27 15:00
S59	9	Nano same Biofilm	US-PGPUB	OR	ON	2005/05/27 15:01
S60	100	"6313973" or "6271997" or "20010046110" or "6567246" or "6338899"	US-PGPUB; USPAT; EPO	OR	ON	2005/10/13 16:23

S61	1	(spin-valve same magnetoresistance) and "free ferromagnetic" and "pinned ferromagnetic" and "non-magnetic spacer" and "anti-ferromagnetic" and "electron-reflective"	US-PGPUB; USPAT; EPO	OR	ON	2005/10/13 16:31
S62	1	"20030118795"	US-PGPUB; USPAT	OR	ON	2005/10/13 16:36
S63	1	"20050142389"	US-PGPUB; USPAT	OR	ON	2005/10/13 16:36
S64	1110	(428/694\$ or "360"/\$ or "369"/\$) and (spinvalve or "spin-valve")	US-PGPUB; USPAT; EPO	OR	ON	2005/10/17 12:16
S65	58	S64 and ("TaO" or "tantalum oxide")	US-PGPUB; USPAT; EPO	OR	ON	2005/10/17 18:44
S66	0	("spin-valve" and magnetoresistance and ferromagnetic and (pinned with ferromagnetic) and ("non-magnetic" with spacer) and "back layer" and ("electron-reflective" with ("TaO" or "tantalum oxide"))).clm.	US-PGPUB; USPAT	OR	ON	2005/10/17 12:24
S67	0	S65 and ("spin-valve" and magnetoresistance and ferromagnetic and (pinned with ferromagnetic) and ("non-magnetic" with spacer) and "back layer" and ("electron-reflective" with ("TaO" or "tantalum oxide")))	US-PGPUB; USPAT	OR	ON	2005/10/17 18:28